IN THE CLAIMS:

This listing of the claims will replace all prior versions and listings of the claims in the application:

1. (Currently Amended) A telecommunications system, comprising:

a plurality of network clients including a positioning controller and a communications controller; and

a positioning server including a coordinating controller for maintaining a database of network clients to be tracked and provide updates of position-related information to a presence server;

wherein said plurality of network clients are configured to transmit position information received via said positioning controller to said positioning server via said communications controller, said positioning information including information related to a speed of movement;

wherein said position and speed of movement information is used to derive an availability of an associated network client and said presence server is configured to transmit said availability to network clients who are registered to receive said availability;

wherein said speed is correlated with a hysteresis threshold and a context to prevent a change in a context status based on momentary change in speed; and

wherein a position is associated with a hysteresis threshold and a context to prevent a change in context status based on a momentary change in position;

wherein said speed and said position hysteresis thresholds are correlated with hysteresis timers to begin timing when said thresholds are crossed and allowing a change in context if the speed or position are still past the thresholds when the corresponding hysteresis timer expires.

2. (Original) A telecommunications system in accordance with claim 1, wherein said plurality of network clients are configured to associate a particular speed with being in a car.

3. (Original) A telecommunications system in accordance with claim 2, wherein said communications controller is adapted to transmit a position update to said positioning server upon detection of a predetermined speed.

4. (Currently Amended) A telecommunications system, comprising:

a plurality of network clients including a positioning controller and a communications controller; and

a positioning server including a coordinating controller for maintaining a database of network clients to be tracked and provide updates of position-related information to a presence server;

wherein said plurality of network clients are configured to transmit position information received via said positioning controller to said positioning server via said communications controller, said positioning information including information related to a speed of movement;

wherein said speed is correlated with a hysteresis threshold and a particular context to prevent a change in a context status based on momentary change in speed;

wherein said hysteresis threshold is associated with a hysteresis timer to begin timing when said threshold is crossed and allowing a change in context if the speed is still past the threshold when the hysteresis timer expires.

5. (Original) A telecommunications system in accordance with claim 4, wherein said position signals comprise global positioning system signals.

6. (Original) A telecommunications system in accordance with claim 5, wherein said communications controller is a cellular telephone controller.

7. (Currently Amended) A telecommunications system, comprising:

a telecommunications device, including:

a positioning controller adapted to determine positioning information for said telecommunications device, said positioning information including device speed;

a cellular telephone controller adapted to receive said positioning information from said positioning controller and cause said positioning information to be transmitted to an associated server; and

a database controller for maintaining a database of position-presence correlation rules defining when said positioning information is to be transmitted; and

a presence server configured to transmit to other telecommunication devices registered to receive an availability of a user of the telecommunications device;

wherein said position-presence correlation rules include one or more hysteresis thresholds to prevent changes in status based on a momentary change of rule status, ~~said one or more hysteresis thresholds including one or more speed based hysteresis thresholds~~;

wherein said hysteresis thresholds are associated with hysteresis timers to begin timing when said thresholds are crossed and allowing a change in status if the corresponding status is still past the threshold when the corresponding hysteresis timer expires.

8. (Previously Presented) A telecommunications system as recited in claim 7, wherein said positioning controller receives Global Positioning System (GPS) signals to determine said positioning information.

9. (Previously Presented) A telecommunications system as recited in claim 8, wherein said position-presence correlation rules include presence status associated with said device speed.

10. (Previously Presented) A telecommunications system as recited in claim 9, wherein said cellular telephone controller transmits changes to location status to said associated server.

11. (Previously Presented) A telecommunications system as recited in claim 10, wherein said cellular telephone controller is adapted to transmit a position update to said associated server upon a change of speed.

12. (Currently Amended) A telecommunications device, comprising:

a positioning controller adapted to determine positioning information for said telecommunications device, said positioning information including device speed;

a cellular telephone controller adapted to receive said positioning information from said positioning controller and cause said positioning information to be transmitted to an associated server; and

a database controller for maintaining a database of position-presence correlation rules defining when said positioning information is to be transmitted;

wherein said cellular telephone controller is adapted to transmit a position update upon said change of speed if said change of speed is correlated with a predefined position-presence correlation rule with a speed-based hysteresis threshold so as to prevent a change in a context status based on momentary change in speed;

wherein said hysteresis threshold is associated with a hysteresis timer to begin timing when said threshold is crossed and allowing a change in context if the speed is still past the threshold when the hysteresis timer expires.

13. (Currently Amended) A telecommunications method, comprising:

receiving one or more user positioning and presence correlation rules at a presence server, wherein positioning information is received from remote users having positioning controllers for receiving location information and communication controllers for transmitting said location information to said presence server via a wireless communication network; and

transmitting said one or more positioning and presence correlation rules to at least one of said remote users;

wherein said one or more positioning and presence correlation rules include a device speed wherein said speed is correlated with a hysteresis threshold to prevent a change in a context status based on momentary change in speed;

wherein said hysteresis threshold is associated with a hysteresis timer to begin timing when said threshold is crossed and allowing a change in context if the speed is still past the threshold when the hysteresis timer expires.

14. (Previously Presented) A telecommunications method in accordance with claim 13, further comprising:

receiving positioning updates at said remote user;

transmitting presence updates to said presence server as specified in said one or more positioning and presence correlation rules; and

distributing presence information associated with said positioning and presence correlation rules to remote users.

15. Canceled

16. (Currently Amended) A telecommunications system, comprising:

a plurality of network clients including a positioning controller and a communications controller; and

a positioning server including a coordinating controller for maintaining a database of network clients to be tracked and provide updates of position-related information to a presence server;

wherein said plurality of network clients are configured to transmit position information received via said positioning controller to said positioning server via said communications controller; and

wherein one or more location-status speed-based hysteresis thresholds are maintained to prevent a change in a context status based on momentary change in predetermined status;

wherein said hysteresis thresholds are associated with hysteresis timers to begin timing when said thresholds are crossed and allowing a change in context if the speed is still past the corresponding threshold when the corresponding hysteresis timer expires.